

Figure 1

atgctattcaaacagcggtgctgagacagaagctcctggtgctgggaagccttgccgttgggagtgctcctgtatctagtcgcccaga 90
 M L F K Q Q A W L R Q K L L V L G S L A V G S L L Y L V A R 30
 gtgggagcttgataggctacaaccatttgcccatggaagtcgactgggtggagcccgactcaggtgaattcccaacttcgcgcgc 180
 V G S L D R L Q P I C P I E G R L G G A R T Q A E F P L R A 60
 ctgcagtttaagcgtgctgcacgagttccggaagggaacgcttccaaggagcaggttcgcctccatgacctggtccagcagctc 270
 L Q F K R G L L H E F R K G N A S K E Q V R L H D L V Q Q L 90
 cccaaggccattatcattgggtgaggaaggagcacaaggccctgcttgaaatgctgaacctacatccggcagtagtcaaacctctc 360
 P K A I I I G V R K G G T R A L L E M L N L H P A V V K A S 120
 caagaaatccactttttgataatgatgagaattatggtaaggcgattgagtggtataggaaaaagatgccttttctaccctcagcaa 450
 Q E I H F F D N D E N Y G K G I E W Y R K K M P F S Y P Q Q 150
 atcacaattgaaaagagccagcatattttatcacagaggaggttccagaaaagatttacaaaatgaactcatccatcaagtgttgatc 540
 I T I E K S P A Y F I T E E V P E R I Y K M N S S I K L L I 180
 attgtcaggagccaaccacagagctatttctgattactacagtgctgtagggggaaggaggaagaaacaaacttattacaagttt 630
 I V R E P T T R A I S D Y T Q V L E G K E R K N K T Y Y K F 210
 gagaagctggccatagaccctaatacatgcgaagtgaacacaaaatacaaaagcagtaagaacccagcatctacaccaaactctggaaa 720
 E K L A I D P N T C E V N T K Y K A V R T S I Y T K H L E R 240
 tggttgaaataactttccaattgagcaatttcctgctgcgtgagatgcctcatcaggaaccccttgccagaacttcagctcgtggag 810
 W L K Y F F I E Q F H V V D G D R L I T E P L P E L Q L V E 270
 aagttccataaatctgcctccaaggataagtaagtaacataatttatacttcaatgctaccagaggggttttactgcttgcggtttaaattatc 900
 K F L N L P P R I S Q Y N L Y F N A T R G F Y C L R F N I I 300
 tttaataagtgctgcctgcggcagcaagggcgcatcctcatccagaggttgaccctctgtctattactaaattgcgcaaatctttcctcct 990
 F N K C L A G S K G R I H P E V D P S V I T K L R K F F H P 330
 tttaatacaaaaattttaccagatcactgggaggaattgaactggccctaa 1041
 F N Q K F Y Q I T G R T L N W P * 346

Figure 2

[illegible]

Figure 3

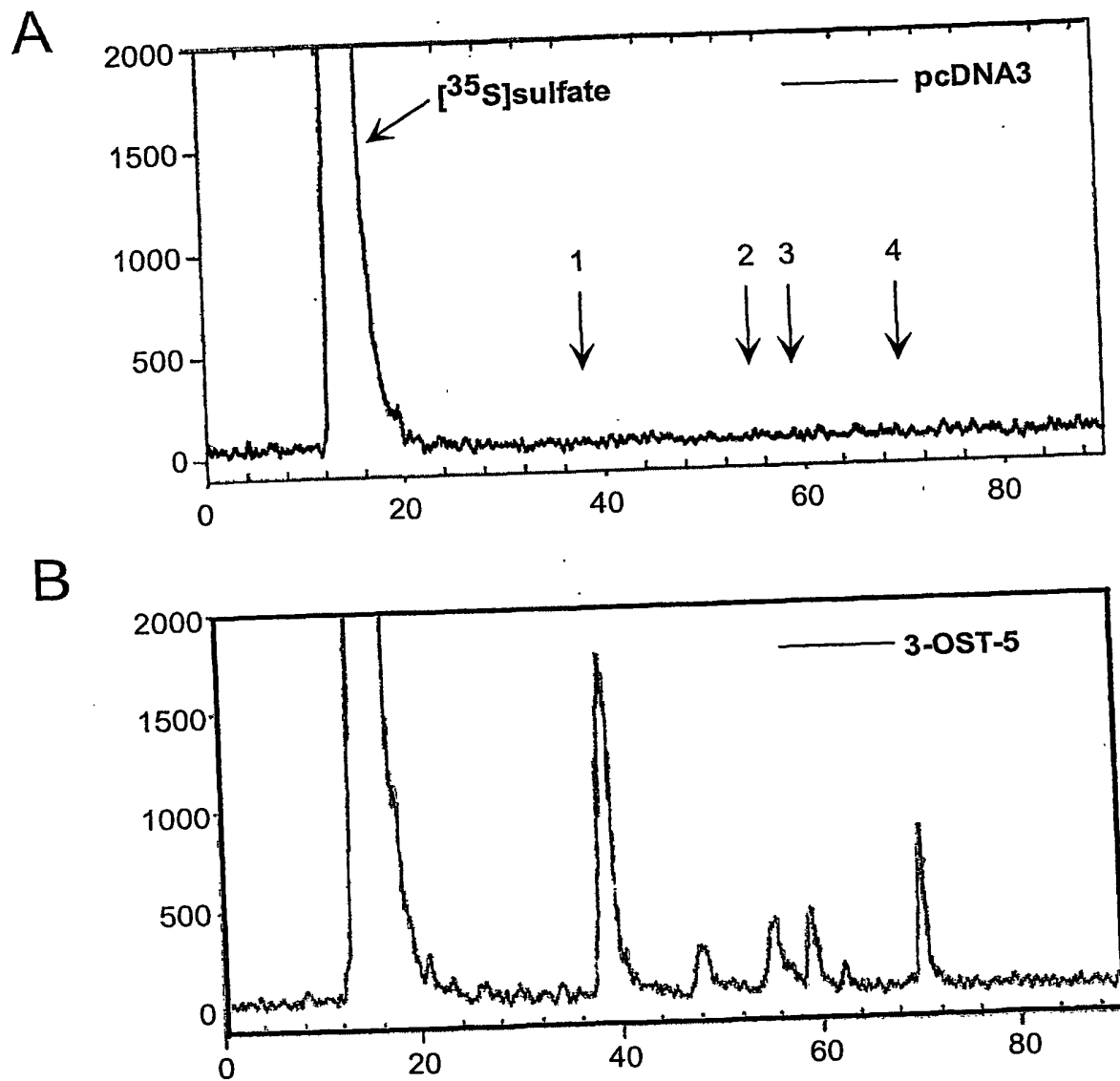
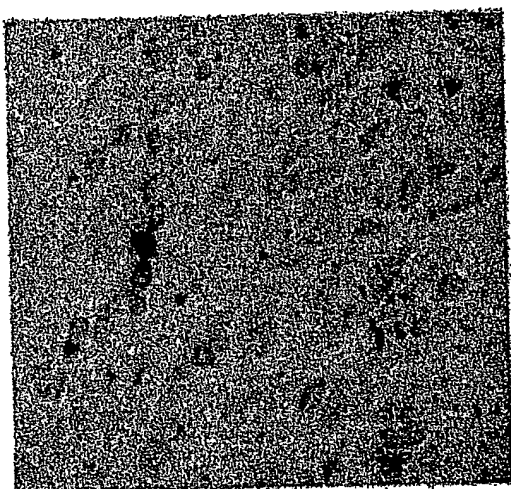


Figure 4

A.



B.

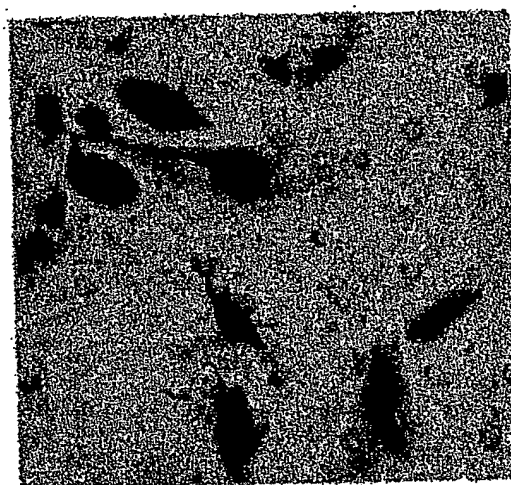


Figure 5

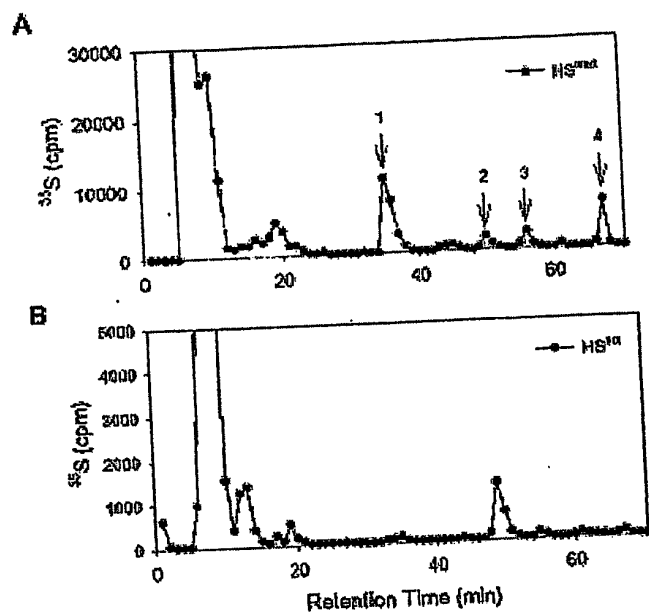


Figure 1 displays two Northern blot panels. The top panel shows the full-length 18S rRNA blot with bands at 9.5, 7.5, 4.4, 2.4, 1.35, 0.24, and 2.4 kb. The bottom panel shows a 1.35 kb fragment blot. The tissues analyzed are Heart, Brain, Placenta, Lung, Liver, Skeletal muscle, Kidney, and Pancreas.

Figure 7

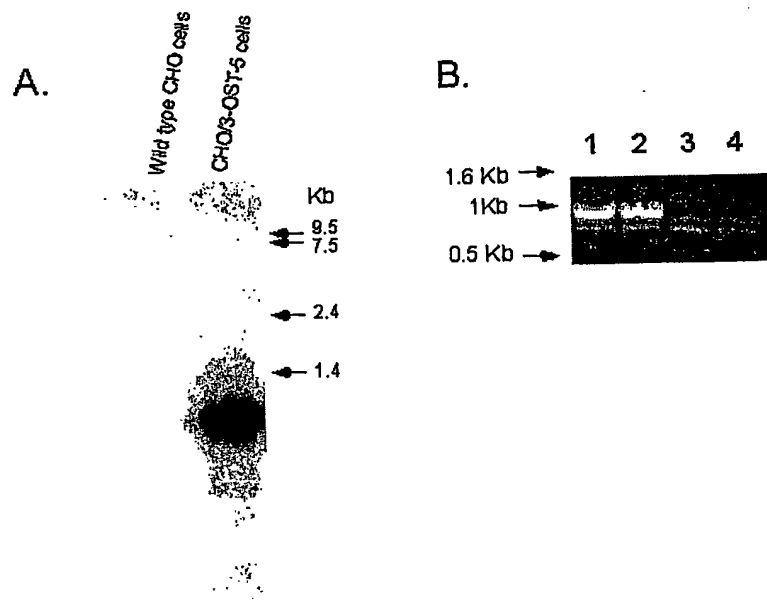


Figure 8

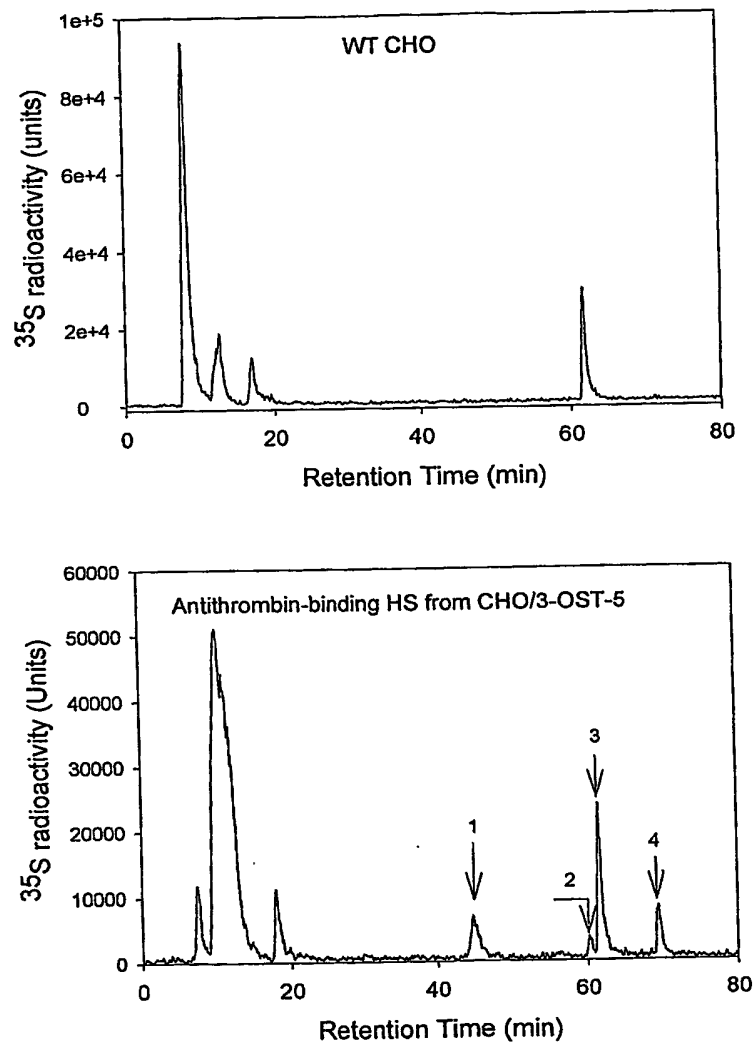


Figure 9

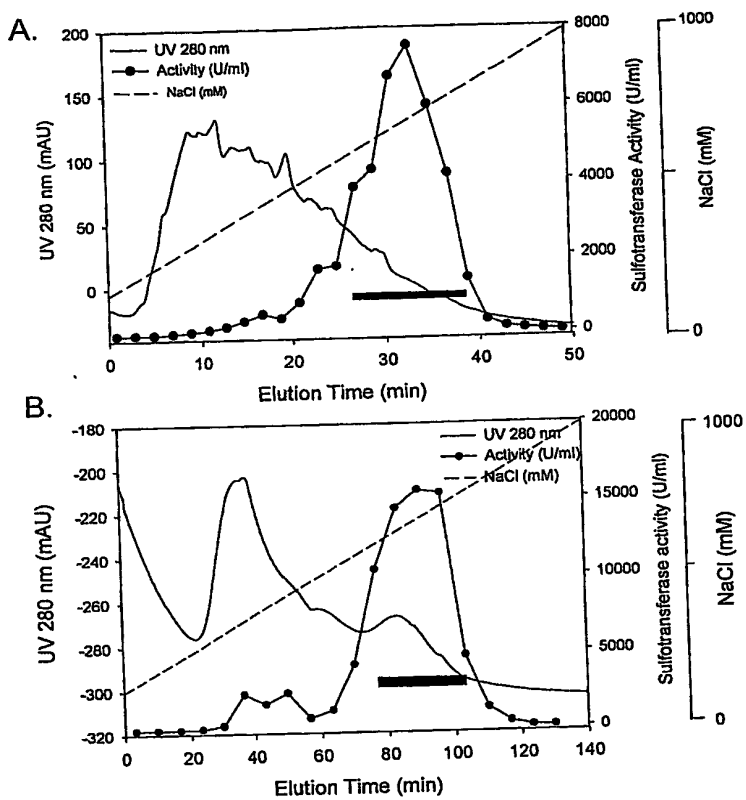


Figure 10A

MW (KDa)

116 —
97 —
84 —
66 —
55 —
45 —
36 —
29 —
24 —

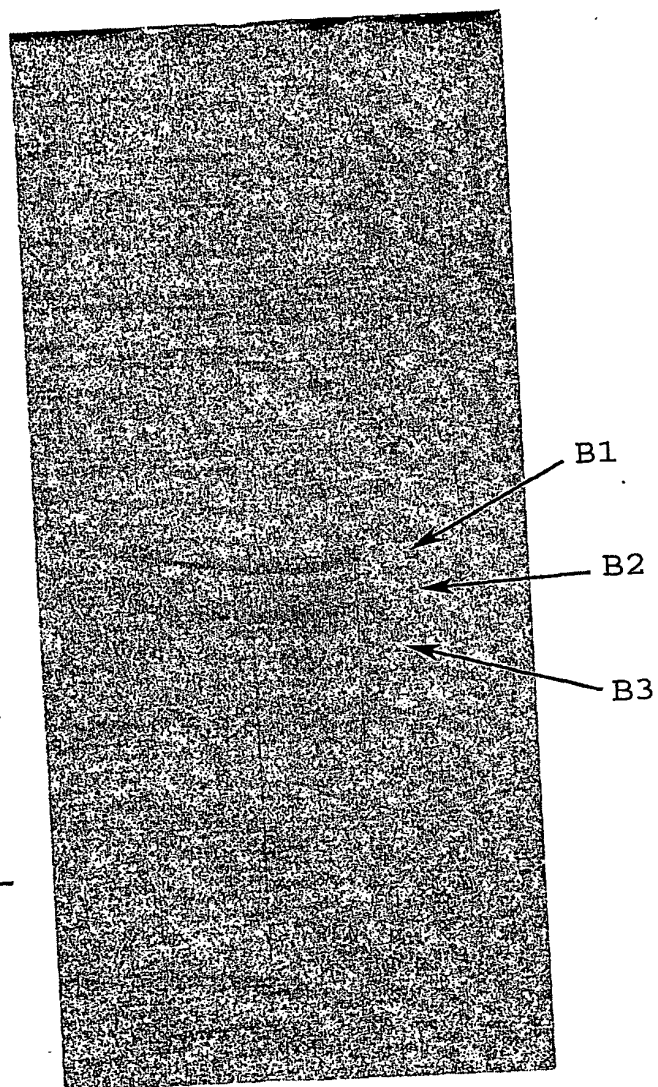


Figure 10B

MKFLVNVALV FMVYISYIY ADRWIPRVGS LDRLQPICPI EGRIGGARTQ AEFPLRALQF
 Honeybee Melittin signal B2 and B3 B2 and B3

KRGLLHEFRK GNASKEQVRL HDLVQQLPKA IIIGVRKGGT RALLEMLNLH PAVVKASQEI
 B2 and B3 B2 and B3

HFFDNDENYG KGIEWYRKKM PFSYPQQITI EKSPAYFITE EVPERIYKMN SSIKLLIIVR
 B3 B2 and B3 B2 and

EPTTTRAI SDY TOVLEGGKERK NKTTYKFEKL AIDPNTCEVN TKYKAVRTSI YTKHLERWLK
 B3 B1

YFPIEQFHVV DGDRLITEPL PELQLVEKFL NLPPRISQYN LYFNATRIFY CLRFNIIFNK
 B2 and B3

CLAGSKGRIH PEVDPSVITK LRKFFHFPNQ KFYQITGRITL NWP
 B2 and B3 B2 and B3

Figure 11

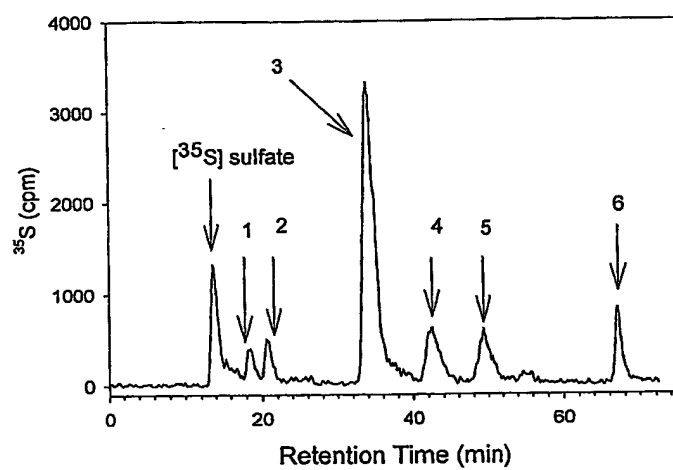


Figure 12

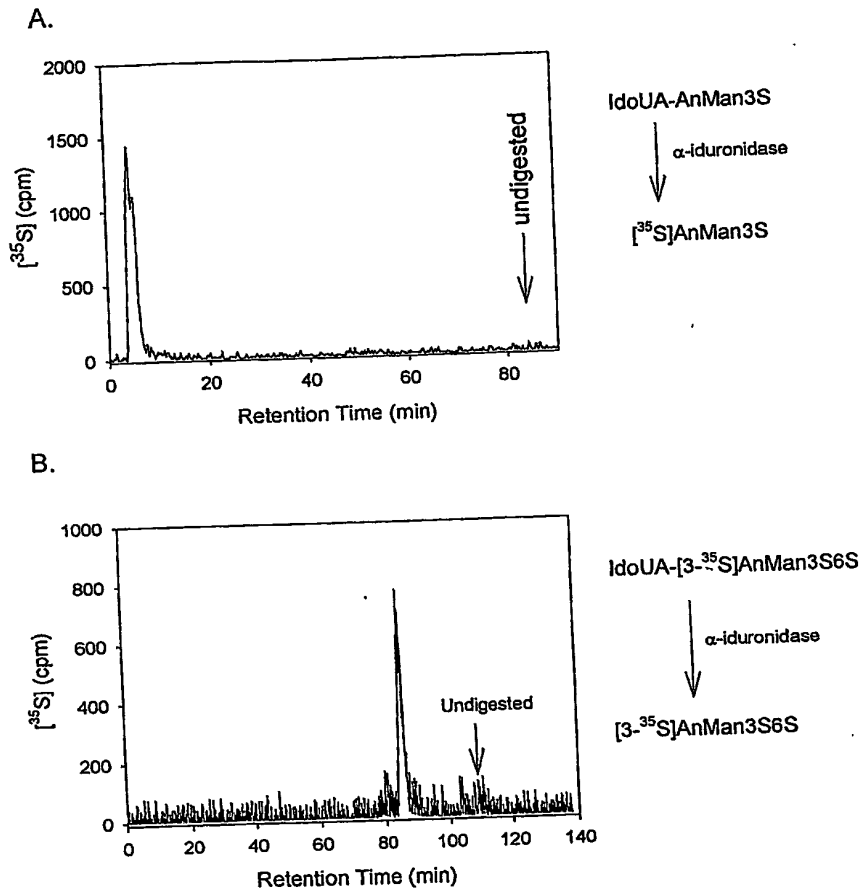


Figure 13

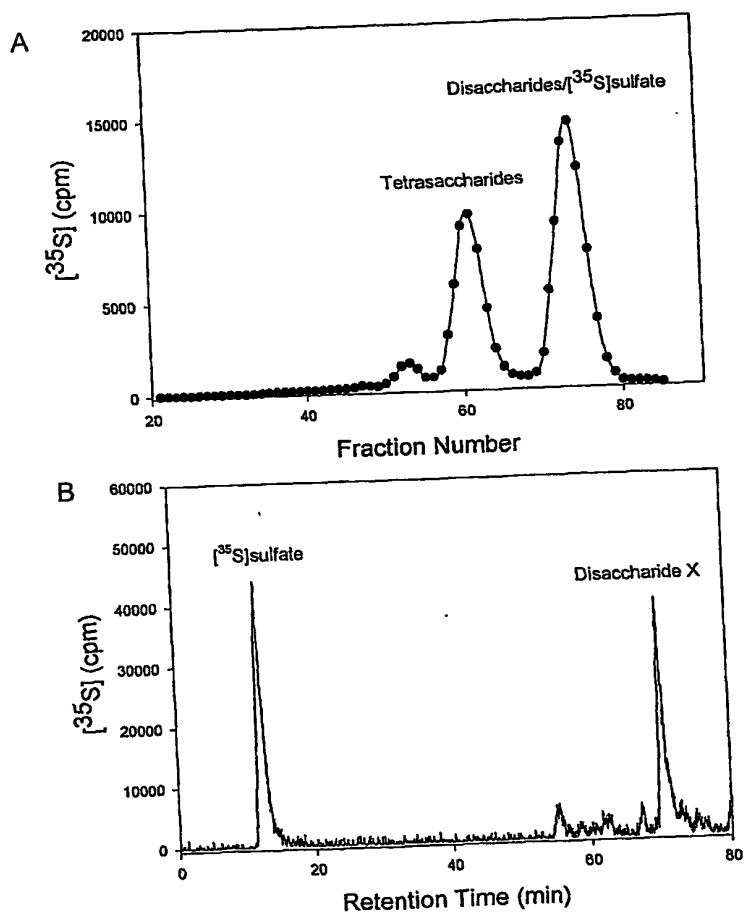
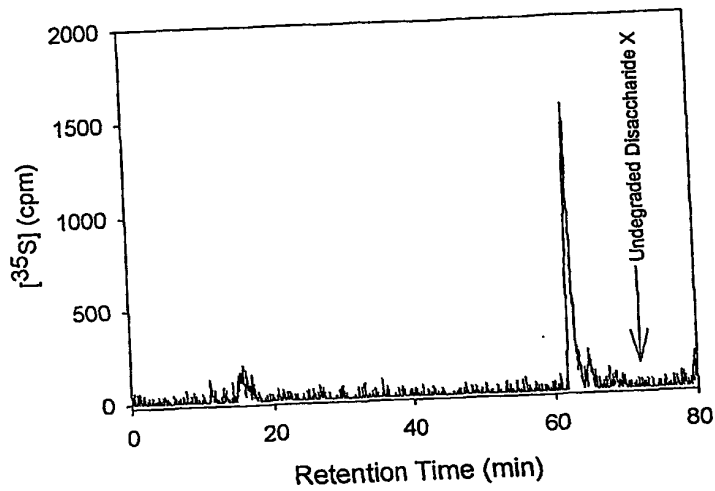


Figure 14

A.

 $\Delta\text{UA}2\text{S}-[3-^{35}\text{S}]\text{GlcNS}3\text{S}$

1. Nitrous acid (pH 1.5)
2. NaBH_4

 $\Delta\text{UA}2\text{S}-[3-^{35}\text{S}]\text{AnMan}3\text{S}$

B.

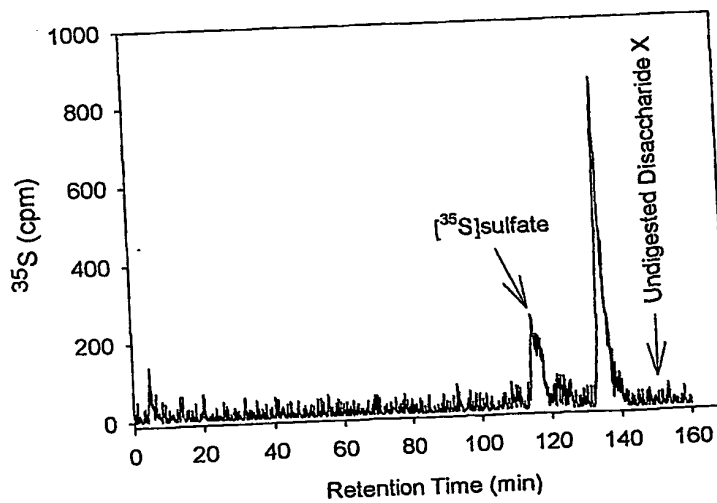
 $\Delta\text{UA}2\text{S}-[3-^{35}\text{S}]\text{GlcNS}3\text{S}$ $\Delta^{4,5}\text{-glycuronate-2-sulfatase}$ $\Delta\text{UA}-[3-^{35}\text{S}]\text{GlcNS}3\text{S}$

Figure 15

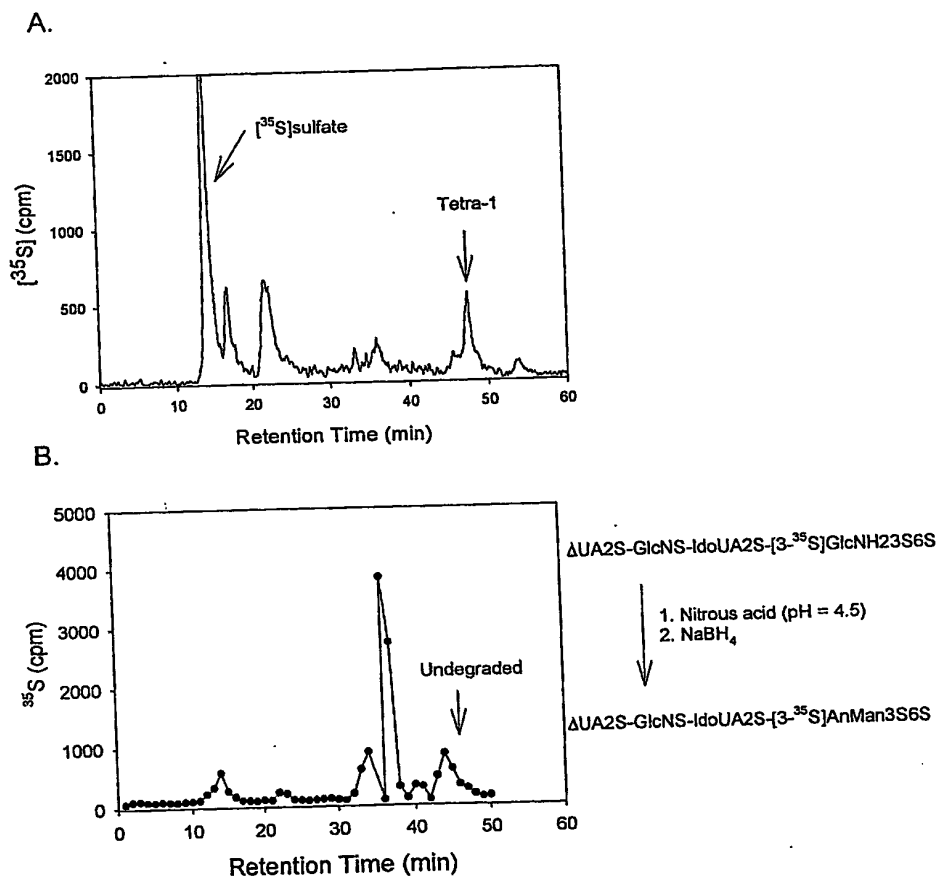


Figure 16

